

FOSROC



*constructive solutions*

## **Fosroc Waterproofing Solutions**

High performance waterproofing systems from basement to roof



**Nitoproof**  
**Proofex**  
**Supercast**



*constructive solutions*

The FOSROC brand stands synonymous with

■ innovation

■ quality

■ reliability

## Introduction

Fosroc is a world leader in the delivery of tailored Constructive Solutions for virtually any type of construction projects, combining high quality products, expert technical support, customer service and innovation.

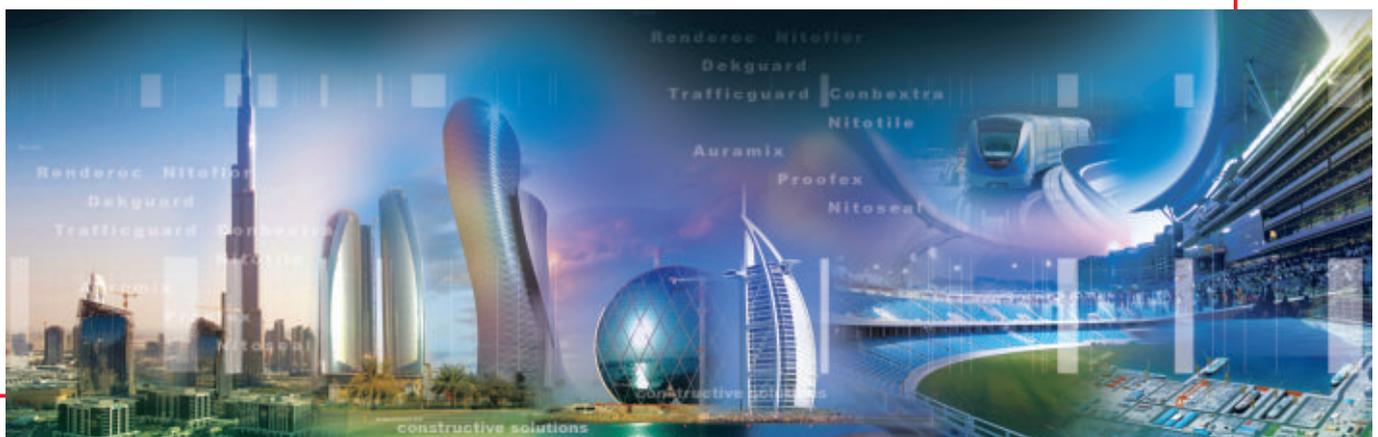
Fosroc's worldwide presence includes group companies in 15 countries with exports to over 70 countries.

Fosroc has over 75 years experience in supply of specialty chemicals and have gained the acknowledgement as "market leaders" in quality production and supply of the most comprehensive range of high performance and supply of the most comprehensive range of high performance construction chemicals serving the construction industries in building and civil structures above and below ground.

Fosroc has developed a substantial reputation for innovative products in concrete admixtures, concrete repairs, grouts and anchors, industrial flooring, joint and seals, waterproofing and protective coatings.



[www.fosroc.com](http://www.fosroc.com)



## Fosroc's product portfolio is as follows:-

### Adhesives

#### Nitobond, Nitotile

Concrete bonding agents, tile and general-purpose adhesives for use with concrete structures.



### Admixtures

#### Auramix, Conplast, Cebex, Structuro

Liquid or powder products, which modify and improve the properties of fresh and hardened concrete or mortar.

### Concrete Repair & Protection

#### Renderoc, Nitomortar, Dekguard, Nitocote, Polyurea

Comprehensive product range for all concrete repair applications & protective and decorative coatings for both new and existing structures or pipes.



### Flooring

#### Cemtop, Nitoflor, Traffiguard

Floor coatings, toppings, and screeds to provide improved performance to new and existing concrete floors.



### Grouts & Anchors

#### Conbextra, Cebex, Lokfix

Cement and resin-based products to fill voids beneath (or between) load-bearing units. Resin-anchoring systems to install permanent and removable anchors and fixings.

### Jointing Materials

#### Nitoseal, Thioflex

Flexible infill materials used for joints in pavements, cladding and other components.



### Surface Treatments

#### Concure, Reebol, Preco

Concrete curing membranes and other products to enhance the concrete surface.

### Grinding Aids

#### Cemax

Fosroc Cemax range products improves the quality and performance of the cement during the production process thus making it more competitive and economical.

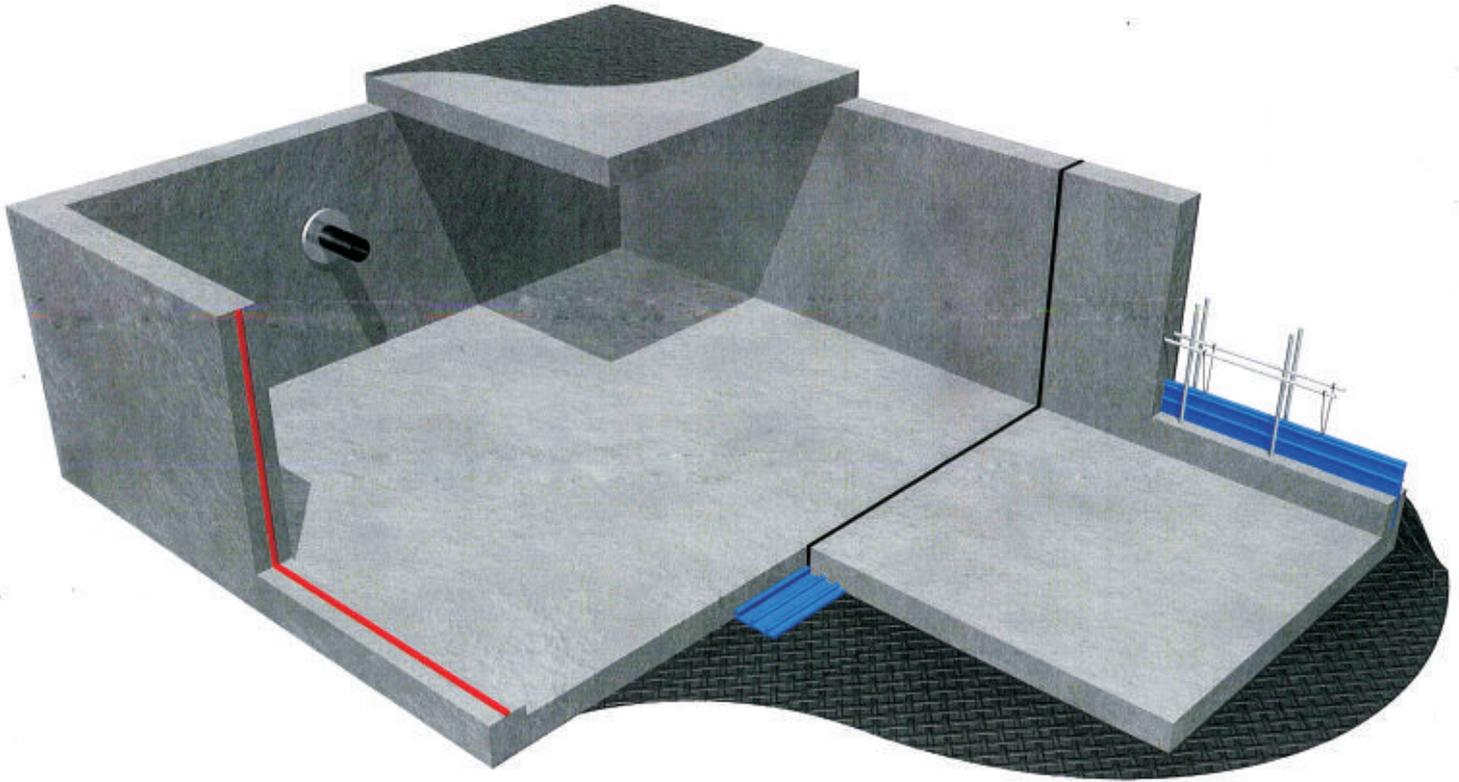


### Waterproofing

#### Supercast, Nitoproof, Proofex

Waterstops, membranes and ancillary products for prevention of ingress or loss of water.

## Below Ground Construction



### Pre-applied membranes

Fosroc Proofex Engage is a high performance waterproofing membrane which mechanically bonds to fresh concrete. Its robust nature allows application without the need for blinding concrete or screed protection.

- Non water tracking
- Non requirement for blinding concrete
- No requirement for screed protection
- Cold applied jointing system



### Loose laid membranes

Robust, easy to apply, welded systems suitable for basement construction. Compartmentalization is achieved by utilising one of the Fosroc Supercast waterstop systems. Standard membrane grade is Fosroc Proofex PGP which is a PVC based system, whereas Fosroc Proofex OGP is a Thermoplastic Olefin (TPO) based system specially formulated for more critical environmentally friendly projects.

- Excellent ageing resistance characteristic giving long term performance
- Welded joints for maximum water tightness
- Easily applied systems

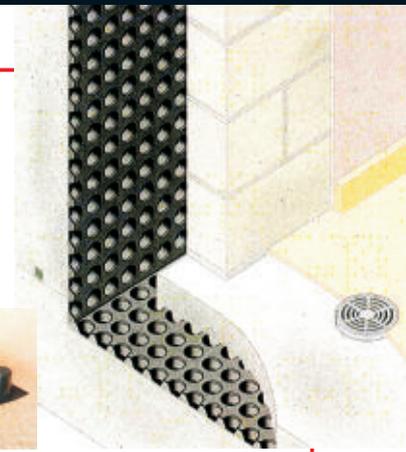


## Drainage membranes

**External: Proofex Sheetdrain 80 and 100** can provide upto 4.8L/s/m water flow capacity and are suitable for soil depths up to 20m

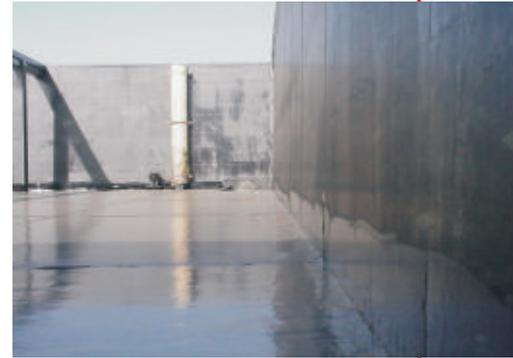
**Internal: Proofex Cavitydrain 80/200** drainage membranes can provide up to 10/L/s/m water flow capacity

- Easy site application
- Secondary waterproofing
- Protection to the main waterproofing
- Single solution for both drainage and protection



## Liquid membranes

The Fosroc Nitoproof range of liquid applied membranes are suitable for both horizontal and vertical applications, and various thicknesses can be specified. Please refer to the relevant Fosroc datasheets for full details.



## Waterstops

Fosroc's membrane systems are complemented by an extensive range of waterstops, offered in PVC, swellable and injection hose forms.

- Fosroc Supercast PVC profiles for construction / expansion joints
- Fosroc Supercast SW swellable strips for construction joints
- Fosroc Supercast injection hose Waterstop system

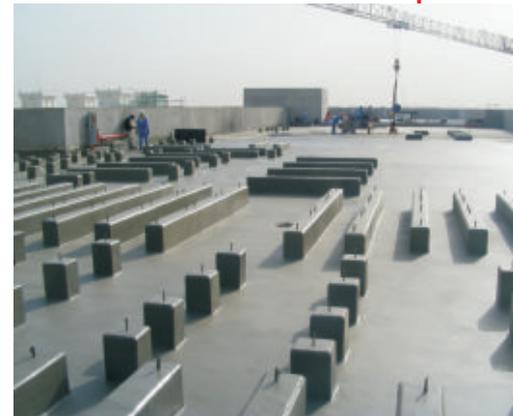


## Podium Decks and Roofs

### Spray applied membranes

Spray applied Polyurea systems achieves ultimate long term performance coupled with rapid application rates.

- Seamless
- Rapid return to service times
- Excellent impact, abrasion and puncture resistance



### Loose laid membranes

Fosroc Proofex OGP and ORG(Reinforced Grade) which are Thermoplastic Olefin (TPO) based products, are particularly effective for flat roof waterproofing.

- Excellent long-term durability
- UV resistant
- Compatible for use on existing bitumen
- Environmentally friendly
- Welded joints for maximum water tightness
- No separation geotextile required onto EPS

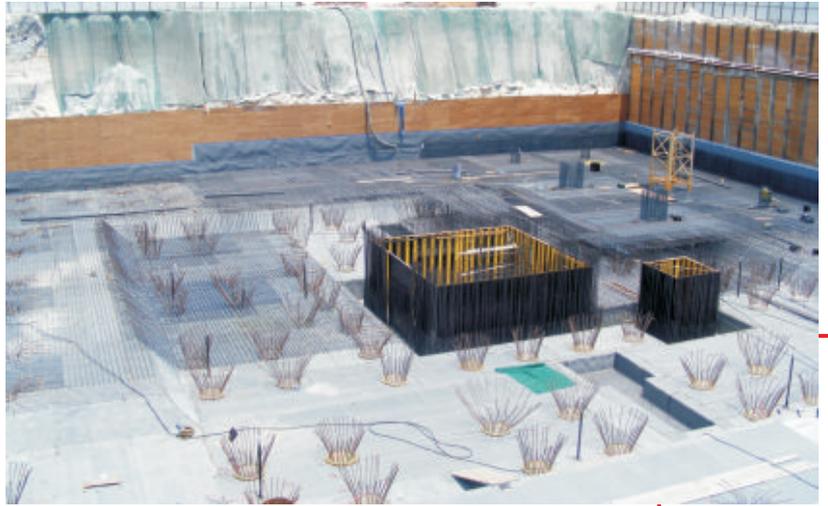




*constructive solutions*

**From basement to roof,  
Fosroc can assist you  
to achieve the best  
waterproofing solution  
for your project**

- Cost effective, project specific solutions
- Extensive product portfolio
- Easily applied systems
- Proven technologies ensuring long term performance
- CAD details/specification assistance
- Expert technical advice and customer service
- Network of local distribution



## Al Gurg Fosroc's waterproofing products:

### Liquid waterproofing membranes

**Nitoproof 10** - Bitumen emulsion protective coating

**Nitoproof 30** - Rubberized bitumen emulsion protective coating

**Nitoproof 110** - Flexible bituminous protective coating

**Nitoproof 120** - High build bituminous, protective compound

**Nitoproof 230** - Rubberized bitumen high build elastomeric membrane

**Nitoproof 600WB** - Pitch free, water based and environmentally friendly liquid applied elastomeric waterproofing membrane

**Brushbond** - Two component acrylic polymer modified cementitious waterproof coating

**Nitocote CM210** - Cementitious, elastomeric waterproof coating with crack-bridging ability for potable water works

**Nitoproof 800** - Polyurethane based, liquid applied waterproofing and crack-bridging protection system

**Nitoproof 100** - Bituminous protective coating

**Nitoproof 600** - Liquid applied single component elastomeric waterproofing membrane

**Nitoproof ET Slurry** - Heavy duty Bridge deck waterproofing



### Spray Polyurea

**Polyurea WPE** - Fast setting, pure polyurea elastomeric waterproof coating

**Polyurea WCS** - Rapid curing polyurea elastomeric waterproof coating



### Sheet membranes

**Proofex PGP** - Loose laid PVC waterproofing membrane

**Proofex ORG** - Loose laid reinforced TPO waterproofing membrane

**Proofex OGP** - Loose laid synthetic TPO waterproofing membrane

**Proofex GP** - Self adhesive bituminous waterproofing membrane

**Proofex 12** - Self adhesive heavy duty, cross laminated waterproofing membrane

**Protection Board** - Protection for waterproofing membranes

**Protection Board GF** - Glass fibre reinforced, protection board for use with waterproofing membranes

**Proofex Engage** - High performance blended polyethylene pre-applied waterproofing membrane

**Expoband One** - High performance joint over banding membrane

**Proofex T/S 3P & 4P** - Torch applied APP waterproofing membrane

**Proofex T/S 3S, 4S & 5S** - Torch applied SBS waterproofing membrane

**Proofex 3000MR** - Self adhesive high performance methane, radon and CO<sub>2</sub> resisting solar reflective waterproof membrane for basements and structures



### Waterproofing Primer

**Proofex Tackcoat WB** - Water based, environmentally friendly, liquid applied primer for Proofex waterproofing sheet membrane

### Waterstops

**Supercast PVC** - Centrally placed and externally placed PVC waterstops

**Supercast SW20** - Swellable waterstops for in-situ concrete

**Supercast SW30** - High swell hydrophilic waterstop for in-situ concrete

**Supercast SWX** - problem solving gun-grade hydrophilic and adhesive

### Pile Top Waterproofing

**Supercast PC** - High performance pile top fairing grout and Cementitious void filler

**Supercast EPT** - Pile top encapsulation resin system

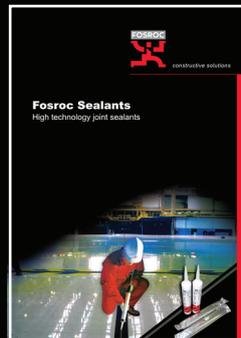
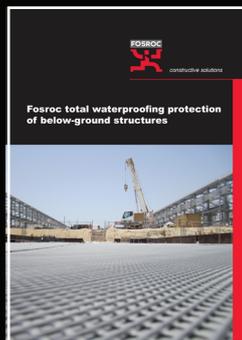
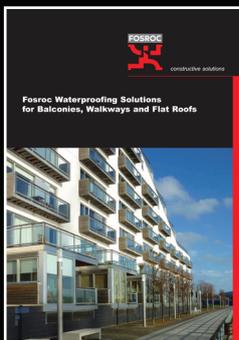
### Injection Hose system

**Supercast Predimax Injection hose** - Injection hose for protection against potential and active leaks

**\*Note:** The product list mentioned above is not comprehensive. If the product you require is not above please contact Al Gurg Fosroc LLC

[www.fosroc.com](http://www.fosroc.com)

Fosroc offers a full range of construction solutions, helping to protect structures throughout the world. Please refer to our other brochures, which include:



Details of your local Fosroc office can be found at [www.fosroc.com](http://www.fosroc.com)

**Important Note**

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